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Immunoassay; DNA hybridization; DNA probing; Labeling system; Amplification scheme; Analytical methodology (Diamandis, E.P. (194) 19)

Determination
HDL_2-cholesterol; HDL_3-cholesterol; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

Determination of proteolytic activity
Gelatin microcarrier; Insoluble chromolytic substrate (Šafařík, I. (187) 149)

Dextran sulfate
HDL_2-cholesterol; HDL_3-cholesterol; Determination; Distribution; Healthy subjects (Atger, V. (189) 111)

Diabetes
Advanced glycation products; Parent ion spectroscopy (Gerhardinger, C. (189) 333)

Tumor marker; Lewis antigen (Shimojo, N. (190) 283)

Diabetes mellitus
β-Hydroxyisovaleric acid; Leucine; Gas chromatography–mass spectrometry; Ketosis (Yu, W. (188) 161)

Phospholipid composition; Erythrocyte membrane; Membrane fluidity; Plasma lipoprotein (Watała, C. (188) 211)

Zinc; Zinc absorption (Kiilerich, S. (189) 13)

Hemoglobinopathy; Ion-exchange chromatography; High-pressure liquid chromatography (Engbaek, F. (191) 239)

Epidermal growth factor; Diabetic nephropathy (Lev-Ran, A. (192) 201)

Diabetic nephropathy
Proteinuria; Microalbuminuria; Brush-border antigen; Tubular damage (Mutti, A. (188) 93)

Urinary albumin; Microalbuminuria; Fatty acid; Renal selectivity (Hayashi, Y. (190) 93)

Proteinuria; Alcian blue; Glomerular polyanion; Retinol-binding protein (Bernard, A. (190) 249)

Epidermal growth factor; Diabetes mellitus (Lev-Ran, A. (192) 201)

Diagnosis
Hemoglobin subunit; p*I*; Electric charge; Hemoglobinophaties (Ribeiro, J.M. (190) 189)

Polymerase chain reaction; Gaucher disease; cDNA; Genomic DNA (Beutler, E. (194) 161)

Diet
Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Digoxin-like immunoreactivity
Na^+,K^+-ATPase; Sodium pump; Sodium intake; Hypertension (Goto, A. (192) 145)

1α,25-Dihydroxyvitamin D_3
RIA; Double antibody separation (Armbruster, F.-P. (189) 97)

1,25-Dihydroxyvitamin D_2 (ercalcitriol) 1,25-Dihydroxyvitamin D_3 (calcitriol)
Radioimmunoassay; Monoclonal antibody (Mawer, E.B. (190) 199)

Dioxetane
Acridinium esters; Chemiluminescence; DNA Probe; Hybridization (Nelson, N.C. (194) 73)

Dipeptide
gamma-Glutamylglutamine; Fluid, human plasma and cerebrospinal; Hyperammonemia; Glutamine; Urea cycle disorders; Glutathione metabolism (Hammond, J.W. (194) 173)

Dipeptidyl peptidase IV
Aminopeptidase P; Angiotensin converting enzyme; Carboxypeptidase N; Platelets; Proline (Scharpé, S.L. (195) 125)

Direct assay in plasma
Estradiol; Enzyme immunoassay; Penicillinase (Pandey, P.K. (190) 175)

Disaturated phosphatidylcholine
Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Disease activity
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Distribution
HDL_2-cholesterol; HDL_3-cholesterol; Determination; Dextran sulfate; Healthy subjects (Atger, V. (189) 111)

Diurnal rhythm
Saliva; Cortisol; Cortisone; Pregnancy; Oral contraceptive (Meulenberg, P.M.M. (190) 211)

Diurnal variation
Sodium–lithium countertransport; Sodium; Potassium; Erythrocyte; Hypertension (Siebers, R.W.L. (188) 227)

cDNA
Polymerase chain reaction; Gaucher disease; Diagnosis; Genomic DNA (Beutler, E. (194) 161)

DNA hybridization
Immunoassay; DNA probing; Detection technique; Labeling system; Amplification scheme; Analytical methodology (Diamandis, E.P. (194) 19)

DNA Probe
Acridinium esters; Chemiluminescence; Dioxetane; Hybridization (Nelson, N.C. (194) 73)

DNA probing
Immunoassay; DNA hybridization; Detection technique; Labeling system; Amplification scheme; Analytical methodology (Diamandis, E.P. (194) 19)

Dopamine
Diet; Urine; Catecholamine; Noradrenaline; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Dopamine uptake
Platelet (Dean, B. (187) 37)

Double antibody separation
1α,25-Dihydroxyvitamin D_3; RIA (Armbruster, F.-P. (189) 97)

Down syndrome
Superoxide dismutase; Immunoassay (Kurobe, N. (187) 11)

Doxorubicin
Lung tumors; Glutathione; HPLC (Al-Kabban, M. (194) 121)

Duchenne muscular dystrophy
Calcium activated neutral protease; Protein kinase C; Protein kinase A (Jagadeesh, G. (193) 79)

Duodenal ulcer
Gastrin; Monospecific antibody; Radioimmunoassay; Pernicious anemia; Gastrinoma (Van Solinge, W.W. (192) 35)

Dye binding method with bromphenol blue
Microalbuminuria; Reference interval; Interfering factor (Jung, K. (187) 163)

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EDTA·Ca^{2+} complex
Lactate dehydrogenase; Enzyme inhibition (Shina, R. (189) 231)

Elastase
Acute pancreatitis; Amylase; Lipase; Trypsinogen (Gwozdz, G.P. (187) 243)

Electric charge
Hemoglobin subunit; p*I*; Diagnosis; Hemoglobinophaties (Ribeiro, J.M. (190) 189)

Electrochemical assay of alcohol
Redox potentiometric electrode; Nernst equation; Dehydrogenase activity (Chen, S.S.-H. (190) 129)

Electron capture negative chemical ionization mass fragmentography
Isotope dilution; Very long chain fatty acid; Plasma; Urine; Amniotic fluid (Stellaard, F. (192) 133)

Electron impact mass spectrometry
Cystinosis; Isotope dilution; Tri-butylphosphine; Cysteine (Schierbeek, H. (191) 39)

Electrophoresis
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Staphylococcus aureus Cowan I; Immunoglobulin (Nesher, G. (188) 261)

Celiac disease; Gluten; Gliadin; Hordein; Beer; Malt (Ellis, H.J. (189) 123)

Retinol binding protein; β_2-Microglobulin; Tubular proteinuria (Blumsohn, A. (195) 133)

Emission spectrometry
Aluminium determination; Bone; Argon plasma (Leflon, P. (191) 31)

Encephalopathy
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Endotoxin
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Energy metabolism
Creatine; Metabolic disorders; Nuclear magnetic resonance spectroscopy; Acidurias, organic; Aciduria, methylmalonic; Aciduria, 3-hydroxy-3-methylglutaric (Davies, S.E.C. (194) 203)

Enzymatic
Paracetamol; Acetaminophen; Automated (Morris, H.C. (187) 95)

Enzymatic analysis
Phenylketonuria; Hyperphenylalaninemia; Newborn screening (Wendel, U. (192) 165)

Enzyme assay
Galactosyltransferase; Tumor marker (Sichel, F. (188) 49)

Enzyme deficiency
AMP-deaminase; Purine metabolism (Kaletha, K. (190) 147)

Enzyme electrode
Activity; Biosensors; Glucose oxidase; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Enzyme immunoassay
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Fecal antitrypsin; Reference interval (Brouwer, J. (189) 173)

Flecainide; Flecainide-hemisuccinate-bovine serum albumin; Flecainide-hemifumarate-horseradish peroxidase (Freche, J.P. (190) 139)

Estradiol; Direct assay in plasma; Penicillinase (Pandey, P.K. (190) 175)

β-Hexosaminidase; Isoenzyme; Renal transplant; Urine (Hultberg, B. (192) 107)

Enzyme inhibition
Lactate dehydrogenase; EDTA·Ca^{2+} complex (Shina, R. (189) 231)

Enzyme-linked immunoassay
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Enzyme-linked immunosorbent assay
Neuron-specific enolase; Cerebrospinal fluid; Neurological disorder (Vermuyten, K. (187) 69)

Immunochemical fecal occult blood test; Colorectal cancer; Hemoglobin and transferrin (Uchida, K. (189) 267)

Children; β_2-Microglobulin; α_1-Microglobulin; Retinol-binding protein; Urine protein 1 (Tomlinson, P.A. (192) 99)

Enzyme release
Mitochondrial aspartate aminotransferase; Creatine kinase MB; Coronary bypass surgery (Huseby, N.-E. (195) 1)

Epidermal growth factor
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Erythrocyte
Prolidase I; Prolidase II (Ohhashi, T. (187) 1)

Glycogen; Microassay (Farquharson, J. (187) 89)

Sodium–lithium countertransport; Sodium; Potassium; Hypertension; Diurnal variation (Siebers, R.W.L. (188) 227)

Transketolase; Thiamine diphosphate; Thiamine deficiency; TPP effect; Wernicke's encephalopathy (Nixon, P.F. (192) 89)

Erythrocyte ageing
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Erythrocyte membrane
Phospholipid composition; Diabetes mellitus; Membrane fluidity; Plasma lipoprotein (Watała, C. (188) 211)

Erythrocyte nucleotide stability
Hypoxanthine; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

Erythroid cell
Carbonic anhydrase I; Enzyme-linked immunoassay (Kondo, T. (191) 169)

Essential hypertension
ProANP (1–98); Cardiac transplant; Renal failure; Volume expansion; Gel filtration (Buckley, M.G. (191) 1)

Estradiol
Enzyme immunoassay; Direct assay in plasma; Penicillinase (Pandey, P.K. (190) 175)

Estrogen-progestogen treatment
α1-Acid glycoprotein; Microheterogeneity; Affino-immunoelectrophoresis; Pregnant women (Succari, M. (187) 235)

Estrogens
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Ethanol
Metabolism; Allopurinol; Benzbromarone (Kaneko, K. (193) 181)

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Calibration; Immunochemical protein assay; Interlaboratory agreement; Reference material (Bullock, D.G. (187) 21)

Extraction
Calcitonin; Human; Acidic ethanol; Calcium clamp; Gel chromatography (Bucht, E. (195) 115)

F

Familial hyperalphalipoproteinemia
Cholesteryl ester transfer protein; Deficiency; High density lipoproteins (HDL); Immunoassay; Atherosclerosis (Yamashita, S. (194) 145)

Familial hypercholesterolemia
Lipoprotein particle; LDL apheresis (Gairin, D. (193) 165)

Fatty acid
Urinary albumin; Microalbuminuria; Diabetic nephropathy; Renal selectivity (Hayashi, Y. (190) 93)

Fecal antitrypsin
Enzyme immunoassay; Reference interval (Brouwer, J. (189) 173)

Fecal specimens, frozen storage of
Lactose polymer; Glucose polymers (Murray, R.D. (192) 181)

Feces
IgA; α_1-Antitrypsin; Human (Kapel, N. (195) 67)

Ferritin
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Ferrochelatase
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Fibroblast
Human β-mannosidosis; Lysosomal storage disease; Oligosaccharide (Van Pelt, J. (187) 55)

Pyruvate dehydrogenase complex; Acetyl-CoA; Lactic acidemia; High performance liquid chromatography; Platelet (Maehara, M. (191) 233)

Fibronectin
Cystic fibrosis; Membrane glycoprotein; ^{1}H-NMR; Fucosylation (Wang, Y.-M. (188) 193)

Filtration parameters
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Fish oil
Hypertension; n-3 fatty acid; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Antioxidant; Lipid peroxidation; Blood-aggregation; Plasma insulin; Human subjects (Brown, J.E. (193) 147)

Flecainide
Flecainide-hemisuccinate-bovine serum albumin; Flecainide-hemifumarate-horseradish peroxidase; Enzyme immunoassay (Freche, J.P. (190) 139)

Flecainide-hemifumarate-horseradish peroxidase
Flecainide; Flecainide-hemisuccinate-bovine serum albumin; Enzyme immunoassay (Freche, J.P. (190) 139)

Flecainide-hemisuccinate-bovine serum albumin
Flecainide; Flecainide-hemifumarate-horseradish peroxidase; Enzyme immunoassay (Freche, J.P. (190) 139)

Fluid, human plasma and cerebrospinal
gamma-Glutamylglutamine; Dipeptide; Hyperammonemia; Glutamine; Urea cycle disorders; Glutathione metabolism (Hammond, J.W. (194) 173)

Fluorescence polarization
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Fluorescence spectroscopy
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Fluoroimmunoassay
Time-resolved fluoroimmunoassay; Prostaglandin $F_{2\alpha}$; Immunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Follicular fluid
Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Seminal plasma (Von der Kammer, H. (187) 207)

Free hormone radioimmunoassay
Free testosterone; Saliva testosterone (Rey, F. (191) 21)

Free testosterone
Saliva testosterone; Free hormone radioimmunoassay (Rey, F. (191) 21)

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Fructosamine
Insulin-dependent diabetes; Glycated hemoglobin (Fisken, R.A. (191) 79)

Fucose
Alpha-1-Proteinase inhibitor; Blood; Electrophoresis; Lectin; Ovarian cancer (Thompson, S. (193) 13)

Fucosidase
Serum; Childhood; Pregnancy (Vaysse, J. (187) 273)

Fucosylation
Cystic fibrosis; Membrane glycoprotein; Fibronectin; ^{1}H-NMR (Wang, Y.-M. (188) 193)

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Galactosamine-6-sulphate sulphatase
Galactose-6-sulphate sulphatase; Mucopolysaccharidosis IV A; Morquio disease type A (Van Diggelen, O.P. (187) 131)

Galactose-6-sulphate sulphatase
Galactosamine-6-sulphate sulphatase; Mucopolysaccharidosis IV A; Morquio disease type A (Van Diggelen, O.P. (187) 131)

Galactosyltransferase
Enzyme assay; Tumor marker (Sichel, F. (188) 49)

Gas chromatography–mass spectrometry
Diabetes mellitus; β-Hydroxyisovaleric acid; Leucine; Ketosis (Yu, W. (188) 161)

Gastric cancer
Protease (Min Chung, S. (189) 205)

Gastric ulcer
Polymorphonuclear leukocyte; Polymorphonuclear leukocyte elastase–α_1-proteinase inhibitor complex (Okajima, K. (189) 237)

Gastrin
Monospecific antibody; Radioimmunoassay; Duodenal ulcer; Pernicious anemia; Gastrinoma (Van Solinge, W.W. (192) 35)

Gastrinoma
Gastrin; Monospecific antibody; Radioimmunoassay; Duodenal ulcer; Pernicious anemia (Van Solinge, W.W. (192) 35)

Gaucher disease
Polymerase chain reaction; Diagnosis; cDNA; Genomic DNA (Beutler, E. (194) 161)

Gelatin microcarrier
Insoluble chromolytic substrate; Determination of proteolytic activity (Šafařík, I. (187) 149)

Gel chromatography
Vasopressin; Kidney failure (Argent, N.B. (190) 185)

Calcitonin; Human; Extraction; Acidic ethanol; Calcium clamp (Bucht, E. (195) 115)

Gel filtration
ProANP (1–98); Essential hypertension; Cardiac transplant; Renal failure; Volume expansion (Buckley, M.G. (191) 1)

Genomic DNA
Polymerase chain reaction; Gaucher disease; Diagnosis; cDNA (Beutler, E. (194) 161)

GH
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Glasgow Outcome Scale
Creatine kinase; Activation energy; Head trauma (Delanghe, J.R. (193) 125)

Gliadin
Celiac disease; Gluten; Hordein; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

Glomerular polyanion
Proteinuria; Alcian blue; Retinol-binding protein; Diabetic nephropathy (Bernard, A. (190) 249)

Glomerulus
Urinary heparan sulfate; Streptozotocin diabetes; Rat; Albuminuria (Reddi, A.S. (189) 211)

Glucokinase
ATP; Deoxyadenosine triphosphate; 2′-Deoxycoformycin; Hexokinase; Lymphoproliferative malignancy (Nakashima, K. (188) 267)

Glucose, electrochemical assay of
Redox potentiometric electrode; Nernst equation; Oxidase activity (Chen, P.T. (193) 187)

Glucose oxidase
Activity; Biosensors; Enzyme electrode; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Glucose polymers
Fecal specimens, frozen storage of; Lactose polymer (Murray, R.D. (192) 181)

Glutamine
gamma-Glutamylglutamine; Fluid, human plasma and cerebrospinal; Dipeptide; Hyperammonemia; Urea cycle disorders; Glutathione metabolism (Hammond, J.W. (194) 173)

gamma-Glutamylglutamine
Fluid, human plasma and cerebrospinal; Dipeptide; Hyperammonemia; Glutamine; Urea cycle disorders; Glutathione metabolism (Hammond, J.W. (194) 173)

gamma-Glutamyltransferase
Human hepatoma cell line; HepG2; PLC/PRF/5; Cell culture; Microcarrier (Visvikis, A. (191) 221)

gamma-Glutamyltransferase (EC 2.3.2.2)
Monoclonal antibody; Renal cell carcinoma; Human kidney; Isoenzyme (Fischer, P. (191) 185)

Glutathione
Lung tumors; Doxorubicin; HPLC (Al-Kabban, M. (194) 121)

Glutathione metabolism
gamma-Glutamylglutamine; Fluid, human plasma and cerebrospinal; Dipeptide; Hyperammonemia; Glutamine; Urea cycle disorders (Hammond, J.W. (194) 173)

Gluten
Celiac disease; Gliadin; Hordein; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

Glycated hemoglobin
Hemoglobin variant; α Chain; Protein chemistry; HPLC (Wajcman, H. (188) 39)

Insulin-dependent diabetes; Fructosamine (Fisken, R.A. (191) 79)

Glycogen
Erythrocyte; Microassay (Farquharson, J. (187) 89)

Glycopeptide
Sialylglycopeptide; Oligosaccharide; Thin layer chromatography; Lysosomal disease (Schindler, D. (190) 81)

Glycosamicoglycan
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Granulocyte elastase
L-pyroglutamyl-L-prolyl-L-valine-*p*-nitroanilide; Inflammatory tissue fluid (Tanaka, H. (187) 173)

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Growth factor
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Haem
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HDL_2-cholesterol
HDL_3-cholesterol; Determination; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

HDL_3-cholesterol
HDL_2-cholesterol; Determination; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

Head trauma
Creatine kinase; Activation energy; Glasgow Outcome Scale (Delanghe, J.R. (193) 125)

Healthy control
Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Depressed patients (Moleman, P. (189) 19)

Healthy subjects
HDL_2-cholesterol; HDL_3-cholesterol; Determination; Dextran sulfate; Distribution (Atger, V. (189) 111)

Heat stability
Alkaline phosphatase; pH optimum; K_m value; L-Phenylalanine; Monoclonal antibody (Onica, D. (194) 193)

Hematocrit
Activity; Biosensors; Enzyme electrode; Glucose oxidase; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Hemoglobin and transferrin
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Hemoglobinopathy
Diabetes mellitus; Ion-exchange chromatography; High-pressure liquid chromatography (Engbaek, F. (191) 239)

Hemoglobinophaties
Hemoglobin subunit; p*I*; Electric charge; Diagnosis (Ribeiro, J.M. (190) 189)

Hemoglobin subunit
p*I*; Electric charge; Diagnosis; Hemoglobinophaties (Ribeiro, J.M. (190) 189)

Hemoglobin variant
Glycated hemoglobin; α Chain; Protein chemistry; HPLC (Wajcman, H. (188) 39)

Hemostasis
Hypertension; n-3 fatty acid; Fish oil; Lipid; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Heparin-induced extracorporeal LDL-precipitation
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Heparinised blood
Erythrocyte nucleotide stability; Hypoxanthine; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Nicotinamide (Simmonds, H.A. (192) 121)

Hepatic lipase
Smoking; Myocardial infarction; High density lipoprotein; Lecithin-cholesterol acyltransferase; Lipoprotein lipase (Moriguchi, E.H. (195) 139)

HepG2
gamma-Glutamyltransferase; Human hepatoma cell line; PLC/PRF/5; Cell culture; Microcarrier (Visvikis, A. (191) 221)

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Hereditary xanthinuria
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Heterogeneity
Transferrin; Iron; Transferring receptor; Growth factor (De Jong, G. (190) 1)

Hexokinase
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Isozyme quantification; Human tissues (Magnani, M. (194) 185)

β-Hexosaminidase
Enzyme immunoassay; Isoenzyme; Renal transplant; Urine (Hultberg, B. (192) 107)

High density lipoprotein
Apolipoprotein A-I; Proapolipoprotein A-I; Proapo A-I converting enzyme; Liver cirrhosis (Isobe, H. (189) 303)

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Cholesteryl ester transfer protein; Deficiency; Familial hyperalphalipoproteinemia; Immunoassay; Atherosclerosis (Yamashita, S. (194) 145)

High performance liquid chromatography
Peritoneal permeability; Mass spectrometry; Continuous ambulatory peritoneal dialysis (CAPD); Paracetamol–glucuronide; Sclerosing peritonitis (Schoots, A.C. (188) 15)

Aluminium; Protein binding; Transferrin; Desferrioxamine (Alonso, J.I.G. (189) 69)

3-Hydroxy-3-methylglutaric aciduria; Hydroxymethylglutaryl-CoA lyase (Kikuchi, M. (189) 297)

Aspartylglycosaminuria; Sample handling (Kaartinen, V. (191) 15)

Pyruvate dehydrogenase complex; Acetyl-CoA; Lactic acidemia; Platelet; Fibroblast (Maehara, M. (191) 233)

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Histamine
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Histamine release
Histamine (Mita, H. (191) 161)

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Hordein
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HPLC
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Homogentisic acid; Alcaptonuria (Bory, C. (189) 7)

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Apolipoprotein B-100; Apolipoprotein B-48; TG-rich lipoprotein (Hidaka, H. (189) 287)

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Tyrosine-*O*-sulfate; Ion-pair; Reverse-phase (Suiko, M. (193) 193)

Lung tumors; Doxorubicin; Glutathione (Al-Kabban, M. (194) 121)

Human
Suction blister fluid; Interstitial fluid; Capillary permeability to protein; Inflammatory syndrome (Clerc, C. (189) 181)

IgA; α_1-Antitrypsin; Feces (Kapel, N. (195) 67)

Calcitonin; Extraction; Acidic ethanol; Calcium clamp; Gel chromatography (Bucht, E. (195) 115)

Human α_1-antichymotrypsin
Natural killer cell activity; α_1-Proteinase inhibitor (Laine, A. (190) 163)

Human β-carotene
β-Cryptoxanthin; Lycopene; Retinol; Zeaxanthin; α-Tocopherol (Ito, Y. (194) 131)

Human β-mannosidosis
Lysosomal storage disease; Oligosaccharide; Fibroblast (Van Pelt, J. (187) 55)

Human hepatoma cell line
gamma-Glutamyltransferase; HepG2; PLC/PRF/5; Cell culture; Microcarrier (Visvikis, A. (191) 221)

Human kidney
Aminopeptidase (Mantle, D. (187) 105)

gamma-Glutamyltransferase (EC 2.3.2.2); Monoclonal antibody; Renal cell carcinoma; Isoenzyme (Fischer, P. (191) 185)

Human liver
Phenolsulfotransferase (PST); Platelet; Blood; *N*-Acetyldopamine (Khoo, B.Y. (194) 219)

Human platelet
Thermostable phenol sulfotransferase; Frozen enzyme (Anderson, R.J. (189) 221)

Human prostatic secretory protein
Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Human serum
Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Lipoamidase; Lipoic acid; *p*-Aminobenzoic acid; Breast milk; Inhibitors (Backman-Gullers, B. (191) 49)

Human Sm-C/IGF-I radioimmunoassay
Sm-C/IGF-I, normal levels in healthy subjects (Giannella-Neto, D. (188) 253)

Human subjects
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Human thyroid
Manganese content; Iodide content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

Human tissues
Hexokinase; Isozyme quantification (Magnani M. (194) 185)

Human urine
Tamm-Horsfall mucoprotein; Calcium oxalate crystallization; Urolithiasis (Grover, P.K. (190) 223)

Hyaline membrane disease
Newborn; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Hyaluronic acid
Rheumatoid arthritis; Disease activity (Konttinen, Y.T. (193) 39)

Hybridization
Acridinium esters; Chemiluminescence; Dioxetane; DNA Probe (Nelson, N.C. (194) 73)

β-Hydroxyisovaleric acid
Diabetes mellitus; Leucine; Gas chromatography–mass spectrometry; Ketosis (Yu, W. (188) 161)

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Hydroxymethylglutaryl-CoA lyase; High performance liquid chromatography (Kikuchi, M. (189) 297)

3-Hydroxy-3-methylglutaryl CoA lyase; Hypoglycemia; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 325)

Hydroxymethylglutaryl-CoA lyase
3-Hydroxy-3-methylglutaric aciduria; High performance liquid chromatography (Kikuchi, M. (189) 297)

3-Hydroxy-3-methylglutaryl CoA lyase
3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 325)

Hyperammonemia
gamma-Glutamylglutamine; Fluid, human plasma and cerebrospinal; Dipeptide; Glutamine; Urea cycle disorders; Glutathione metabolism (Hammond, J.W. (194) 173)

Hyperbilirubinemia hereditary
Bilirubin; Gunn rats; Kernicterus (Labrune, P. (192) 29)

Hyperparathyroidism
Parathyroid hormone; Calcium (Mazzuoli, G. (190) 239)

Ultrafiltrable magnesium; Calcium-related metabolic disorders; Hypoparathyroidism (Claeyssens, S. (195) 107)

Hyperphenylalaninemia
Phenylketonuria; Newborn screening; Enzymatic analysis (Wendel, U. (192) 165)

Hypertension
NMR; RBC; Lithium transport (Ramasamy, R. (188) 169)

Sodium–lithium countertransport; Sodium; Potassium; Erythrocyte; Diurnal variation (Siebers, R.W.L. (188) 227)

n-3 fatty acid; Fish oil; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Digoxin-like immunoreactivity; Na^+,K^+-ATPase; Sodium pump; Sodium intake (Goto, A. (192) 145)

Hypoglycemia
3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 325)

Hypoparathyroidism
Ultrafiltrable magnesium; Calcium-related metabolic disorders; Hyperparathyroidism (Claeyssens, S. (195) 107)

Hypophosphatasia
Serum alkaline phosphatase; Monoclonal antibody; Immunological diagnosis; Bone disorder (Goseki, M. (190) 263)

Hypoxanthine
Erythrocyte nucleotide stability; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

Hypoxanthine-guanine phosphoribosyltransferase
Erythrocyte nucleotide stability; Hypoxanthine; Inosine; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

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Neonate; Polycythemia; Tubular damage; Urinary *N*-acetyl-β-D-glucosaminidase (Csáthy, L. (195) 77)

I

p*I*
Hemoglobin subunit; Electric charge; Diagnosis; Hemoglobinophaties (Ribeiro, J.M. (190) 189)

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α_1-Antitrypsin; Human; Feces (Kapel, N. (195) 67)

IGF-1
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IgG
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IgM rheumatoid factor
Enzyme immunoassay; Rheumatoid arthritis (Oka, H. (188) 147)

Immunabsorption
LDL apheresis; Lipoprotein (a); Heparin-induced extracorporeal LDL-precipitation (Ritter, M.M. (195) 9)

Immunoassay
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Time-resolved fluoroimmunoassay; Prostaglandin $F_{2\alpha}$; Fluoroimmunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Sandwich enzyme; Monoclonal antibody (Iwata, K. (191) 211)

Superoxide dismutase; Brain; Alzheimer's disease (Kurobe, N. (192) 171)

DNA hybridization; DNA probing; Detection technique; Labeling system; Amplification scheme; Analytical methodology (Diamandis, E.P. (194) 19)

Fluorescence spectroscopy (Ekins, R. (194) 91)

Cholesteryl ester transfer protein; Deficiency; Familial hyperalphalipoproteinemia; High density lipoproteins (HDL); Atherosclerosis (Yamashita, S. (194) 145)

Immunochemical fecal occult blood test
Colorectal cancer; Enzyme-linked immunosorbent assay; Hemoglobin and transferrin (Uchida, K. (189) 267)

Immunochemical protein assay
Calibration; External quality assessment; Interlaboratory agreement; Reference material (Bullock, D.G. (187) 21)

Immunodeficiency
Adenosine deaminase deficiency; Inosine triphosphate pyrophosphohydrolase deficiency; ITP (Duley, J.A. (188) 243)

Immunoelectrophoresis
Lactate dehydrogenase; Autoantibody; Radial immunodiffusion (Harff, G.A. (193) 157)

α_2-Macroglubulin; Protease complexes (Donnelly, P.K. (195) 85)

Immunoglobulin
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Immunoglobulin A
Aspartate aminotransferase; AST/ALT ratio; AST-immunoglobulin complex; Liver malignancy (Moriyama, T. (190) 47)

Immunological diagnosis
Serum alkaline phosphatase; Hypophosphatasia; Monoclonal antibody; Bone disorder (Goseki, M. (190) 263)

Impaired fibrinolysis
Lp(a): B lipoprotein particle; Plasminogen; PAI-1; Angina pectoris; Myocardial infarction (Alessi, M.C. (188) 119)

Inborn error
Aminocentesis; Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Propionic acid; Amino acid metabolism (Coude, M. (187) 329)

Inborn errors of metabolism
O-Phosphohydroxylysine; Mass spectrometry; NMR spectroscopy (Dorland, L. (188) 221)

Infection diagnosis
PMN-elastase; Neonatal sepsis; Newborn; Neonatal disorder (Tsaka, T. (193) 103)

Inflammation
Nutritional assessment; Blood parameter Diagnosis; Prognosis; Pediatrics (Pressac, M. (188) 129)

Inflammatory bowel disease
Mucoprotein; Acute phase protein; Linear discriminant analysis (Lubega, J. (188) 59)

Inflammatory syndrome
Suction blister fluid; Interstitial fluid; Capillary permeability to protein; Human (Clerc, C. (189) 181)

Inflammatory tissue fluid
L-pyroglutamyl-L-prolyl-L-valine-*p*-nitroanilide; Granulocyte elastase (Tanaka, H. (187) 173)

Inhibition
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Inhibitors
Lipoamidase; Lipoic acid; *p*-Aminobenzoic acid; Human serum; Breast milk (Backman-Gullers, B. (191) 49)

Inosine
Erythrocyte nucleotide stability; Hypoxanthine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

Inosine triphosphate pyrophosphohydrolase deficiency
Adenosine deaminase deficiency; Immunodeficiency; ITP (Duley, J.A. (188) 243)

Insoluble chromolytic substrate
Gelatin microcarrier; Determination of proteolytic activity (Šafařík, I. (187) 149)

Insulin-dependent diabetes
Fructosamine; Glycated hemoglobin (Fisken, R.A. (191) 79)

Intensive care
Creatine kinase; Activation energy; Carboxypeptidase N; Bacteremia (Delanghe, J.R. (187) 115)

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Acid-stable trypsin inhibitor; Renal failure, Precursor (Yoshida, E. (190) 277)

Interfering factor
Dye binding method with bromphenol blue; Microalbuminuria; Reference interval (Jung, K. (187) 163)

Interlaboratory agreement
Calibration; Immunochemical protein assay; External quality assessment; Reference material (Bullock, D.G. (187) 21)

International survey
Apo A-1 and B methods; Precision; Accuracy; Comparability; Standardization (Grafnetter, D. (189) 55)

Interstitial fluid
Suction blister fluid; Capillary permeability to protein; Human; Inflammatory syndrome (Clerc, C. (189) 181)

Intestinal isoform
Alkaline phosphatase; Preparative isoelectric focusing; Physicochemical characteristic (Bentouati, L. (189) 145)

Intestinal permeability
Lactulose; Lactose; Automated enzyme assay (Northrop, C.A. (187) 79)

Intra hepatic arterial chemotherapy
Neuron-specific enolase; Neuroendocrine tumor (Cunningham, R.T. (189) 275)

Intravenous immunoglobulins
Kawasaki disease; Lipoperoxides; Malonyldialdehyde; Organic hydroperoxide; Zinc (Lebranchu, Y. (187) 193)

Iodide content
Human thyroid; Manganese content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

Iodine deficiency
T4; TSH; Screening; Congenital hypothyroidism (Bourdoux, P.P. (195) 97)

Ion-exchange chromatography
Diabetes mellitus; Hemoglobinopathy; High-pressure liquid chromatography (Engbaek, F. (191) 239)

Ion-pair
Tyrosine-*O*-sulfate; Reverse-phase; HPLC (Suiko, M. (193) 193)

Iron
Spectrophotometry; Surfactant (Johnson, D.J. (189) 199)

Transferrin; Transferring receptor; Growth factor; Heterogeneity (De Jong, G. (190) 1)

Alcoholic cirrhosis of the liver; Biliary excretion (Raedsch, R. (193) 49)

Iron stores
Red cell ferritin; Serum ferrilin, Elderly (Galàn, P. (189) 159)

Isoelectric focusing
IgG; Cerebrospinal fluid (Luxton, R.W. (187) 297)

Isoenzyme
gamma-Glutamyltransferase (EC 2.3.2.2); Monoclonal antibody; Renal cell carcinoma; Human kidney (Fischer, P. (191) 185)

Enzyme immunoassay; β-Hexosaminidase; Renal transplant; Urine (Hultberg, B. (192) 107)

β-*N*-Acetylhexosaminidase; Chorionic villi; Tay-Sachs disease; Lysosome (Pieretti, M. (188) 109)

Isopyridoxal
Unidentified metabolites; Vitamin B6; 4-Pyridoxolactone; Vitamer activity (Edwards, P. (190) 67)

Isotope dilution
Cystinosis; Electron impact mass spectrometry; Tri-butylphosphine; Cysteine (Schierbeek, H. (191) 39)

Electron capture negative chemical ionization mass fragmentography; Very long chain fatty acid; Plasma; Urine; Amniotic fluid (Stellaard, F. (192) 133)

Isozyme
Aldolase; Immunoassay (Okajima, K. (187) 265)

Isozyme quantification
Hexokinase; Human tissues (Magnani, M. (194) 185)

ITP
Adenosine deaminase deficiency; Inosine triphosphate pyrophosphohydrolase deficiency; Immunodeficiency (Duley, J.A. (188) 243)

J

Jejunum
Trypsin inhibitor; Trypsin; Cholecystokinin (Freeman, T.C. (195) 27)

K

Kallikrein
Atherosclerosis; Combined hyperlipidemia; LDL; C1 inhibitor; Estrogens (De Bruin, T.W.A. (193) 137)

Kawasaki disease
Lipoperoxides; Malonyldialdehyde; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Keratan sulphate
Sandwich-ELISA; Monoclonal antibody; Avidin/biotin (Kongtawelert, P. (195) 17)

Kernicterus
Bilirubin; Hyperbilirubinemia hereditary; Gunn rats (Labrune, P. (192) 29)

Ketosis
Urinary organic acid; Panto-yl-gamma-aminobutyrate; Calcium salt; Calcium hopantenate; Encephalopathy (Nakanishi, T. (188) 85)

Diabetes mellitus; β-Hydroxyisovaleric acid; Leucine; Gas chromatography–mass spectrometry (Yu, W. (188) 161)

Kidney failure
Vasopressin; Gel chromatography (Argent, N.B. (190) 185)

Kinetic analysis
Ferrochelatase; Lymphocyte; Metal inhibition (Rossi, E. (188) 1)

K_m value
Alkaline phosphatase; Heat stability; pH optimum; L-Phenylalanine; Monoclonal antibody (Onica, D. (194) 193)

L

Labeling system
Immunoassay; DNA hybridization; DNA probing; Detection technique; Amplification scheme; Analytical methodology (Diamandis, E.P. (194) 19)

Lactate
Acute intermittent porphyria; Porphyrin; Haem; Pyruvate (Herrick, A.L. (190) 157)

Children heart; Cardioplegia; Purine catabolite; Phosphate (Smoleński, R.T. (192) 155)

Lactate dehydrogenase
EDTA·Ca^{2+} complex; Enzyme inhibition (Shina, R. (189) 231)

Autoantibody; Radial immunodiffusion; Immunoelectrophoresis (Harff, G.A. (193) 157)

Lactic acidemia
Pyruvate dehydrogenase complex; Acetyl-CoA; High performance liquid chromatography; Platelet; Fibroblast (Maehara, M. (191) 233)

Lactose
Intestinal permeability; Lactulose; Automated enzyme assay (Northrop, C.A. (187) 79)

Lactose polymer
Fecal specimens, frozen storage of; Glucose polymers (Murray, R.D. (192) 181)

Lactulose
Intestinal permeability; Lactose; Automated enzyme assay (Northrop, C.A. (187) 79)

LDL
Atherosclerosis; Kallikrein; Combined hyperlipidemia; C1 inhibitor; Estrogens (De Bruin, T.W.A. (193) 137)

LDL apheresis
Lipoprotein particle; Familial hypercholesterolemia (Gairin, D. (193) 165)

Lipoprotein (a); Immunabsorption; Heparin-induced extracorporeal LDL-precipitation (Ritter, M.M. (195) 9)

Lecithin-cholesterol acyltransferase
Smoking; Myocardial infarction; High density lipoprotein; Lipoprotein lipase; Hepatic lipase (Moriguchi, E.H. (195) 139)

Lectin
Alpha-1-Proteinase inhibitor; Blood; Electrophoresis; Fucose; Ovarian cancer (Thompson, S. (193) 13)

Lectin binding
Serum 5′-nucleotidase; Alkaline phosphatase; Liver disease (Massoubre, C. (191) 87)

Leucine
Diabetes mellitus; β-Hydroxyisovaleric acid; Gas chromatography–mass spectrometry; Ketosis (Yu, W. (188) 161)

Leukemia
Reverse transcriptase; Purification assay; Lymphoma (Moyret, C.F. (191) 61)

Lewis antigen
Diabetes; Tumor marker (Shimojo, N. (190) 283)

Ligand exchange extraction
Oxalate; Urine; Copper oxinate; UV-VIS absorption spectrophotometry; Atomic absorption spectrophotometry (Muñoz Leyva, J.A. (195) 47)

Linear discriminant analysis
Mucoprotein; Acute phase protein; Inflammatory bowel disease (Lubega, J. (188) 59)

Lipase
Acute pancreatitis; Amylase; Trypsinogen; Elastase (Gwozdz, G.P. (187) 243)

Lipid
Hypertension; n-3 fatty acid; Fish oil; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Lipid peroxidation
Fish oil; Antioxidant; Blood-aggregation; Plasma insulin; Human subjects (Brown, J.E. (193) 147)

Oxidative stress; Red blood cells; Filtration parameters; Reduced glutathione; Superoxide dismutase comparison (Novák, Z. (194) 115)

Lipoamidase
Biotinidase; Biotinidase deficiency; Vitamin recycling (Garganta, C.L. (189) 311)

Lipoic acid; *p*-Aminobenzoic acid; Human serum; Breast milk; Inhibitors (Backman-Gullers, B. (191) 49)

Lipoic acid
Lipoamidase; *p*-Aminobenzoic acid; Human serum; Breast milk; Inhibitors (Backman-Gullers, B. (191) 49)

Lipoperoxides
Kawasaki disease; Malonyldialdehyde; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Lipoprotein (a)
LDL apheresis; Immunabsorption; Heparin-induced extracorporeal LDL-precipitation (Ritter, M.M. (195) 9)

Lipoprotein lipase
Smoking; Myocardial infarction; High density lipoprotein; Lecithin-cholesterol acyltransferase; Hepatic lipase (Moriguchi, E.H. (195) 139)

Lipoprotein particle
Familial hypercholesterolemia; LDL apheresis (Gairin, D. (193) 165)

Lithium transport
NMR; RBC; Hypertension (Ramasamy, R. (188) 169)

Liver
Carnitine; Acylcarnitine; Urine; Blood; Muscle; Control data (De Sousa, C. (187) 317)

Liver cirrhosis
Apolipoprotein A-I; Proapolipoprotein A-I; High density lipoprotein; Proapo A-I converting enzyme (Isobe, H. (189) 303)

Liver disease
Lectin binding; Serum 5′-nucleotidase; Alkaline phosphatase (Massoubre, C. (191) 87)

Liver malignancy
Aspartate aminotransferase; AST/ALT ratio; Immunoglobulin A; AST-immunoglobulin complex (Moriyama, T. (190) 47)

Low density lipoprotein
Apolipoprotein B (La Belle, M. (191) 153)

Lp(a):B lipoprotein particle
Impaired fibrinolysis; Plasminogen; PAI-1; Angina pectoris; Myocardial infarction (Alessi, M.C. (188) 119)

Lp(a) plasma concentration
Male/female differences; Pathological range (Kostner, G.M. (188) 187)

L-pyroglutamyl-L-prolyl-L-valine-*p*-nitroanilide
Granulocyte elastase; Inflammatory tissue fluid (Tanaka, H. (187) 173)

Lung
Newborn; Hyaline membrane disease; Transient tachypnoea; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Lung cancer
Creatinine kinase; Non-M CK; Tumor marker (McGing, P.G. (187) 309)

Lung tumors
Doxorubicin; Glutathione; HPLC (Al-Kabban, M. (194) 121)

Lycopene
Human β-carotene; β-Cryptoxanthin; Retinol; Zeaxanthin; α-Tocopherol (Ito, Y. (194) 131)

Lymphocyte
Ferrochelatase; Metal inhibition; Kinetic analysis (Rossi, E. (188) 1)

Lymphocyte electrolytes
Sodium; Potassium; Magnesium; Calcium (Weissberg, N. (187) 281)

Lymphoma
Reverse transcriptase; Purification assay; Leukemia (Moyret, C.F. (191) 61)

Lymphoproliferative malignancy
ATP; Deoxyadenosine triphosphate; 2′-Deoxycoformycin; Hexokinase; Glucokinase (Nakashima, K. (188) 267)

Lysosomal disease
Glycopeptide; Sialylglycopeptide; Oligosaccharide; Thin layer chromatography (Schindler, D. (190) 81)

Lysosomal storage disease
Human β-mannosidosis; Oligosaccharide; Fibroblast (Van Pelt, J. (187) 55)

Lysosome
β-*N*-Acetylhexosaminidase; Chorionic villi; Isoenzymes; Tay-Sachs disease (Pieretti, M. (188) 109)

M

α_2-Macroglubulin
Protease complexes; Immunoelectrophoresis (Donnelly, P.K. (195) 85)

Magnesium
Lymphocyte electrolytes; Sodium; Potassium; Calcium (Weissberg, N. (187) 281)

Male/female differences
Lp(a) plasma concentration; Pathological range (Kostner, G.M. (188) 187)

Malonyldialdehyde
Kawasaki disease; Lipoperoxides; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Malt
Celiac disease; Gluten; Gliadin; Hordein; Beer; ELISA (Ellis, H.J. (189) 123)

Manganese content
Human thyroid; Iodide content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

Mass spectrometry
Peritoneal permeability; High performance liquid chromatography; Continuous ambulatory peritoneal dialysis (CAPD); Paracetamol–glucuronide; Sclerosing peritonitis (Schoots, A.C. (188) 15)

O-Phosphohydroxylysine; Inborn errors of metabolism; NMR spectroscopy (Dorland, L. (188) 221)

Membrane fluidity
Phospholipid composition; Erythrocyte membrane; Diabetes mellitus; Plasma lipoprotein (Watała, C. (188) 211)

Fluorescence polarization; Cholesterol/phospholipid ratio; Saturated/unsaturated fatty acid ratio (Peuchant, E. (190) 57)

Membrane glycoprotein
Cystic fibrosis; Fibronectin; ^{1}H-NMR; Fucosylation (Wang, Y.-M. (188) 193)

Metabolic disorders
Creatine; Nuclear magnetic resonance spectroscopy; Acidurias, organic; Energy metabolism; Aciduria, methylmalonic; Aciduria, 3-hydroxy-3-methylglutaric (Davies, S.E.C. (194) 203)

Metabolism
Ethanol; Allopurinol; Benzbromarone (Kaneko, K. (193) 181)

Metal inhibition
Ferrochelatase; Lymphocyte; Kinetic analysis (Rossi, E. (188) 1)

Methionine loading
Homocysteine; Plasma (Andersson, A. (192) 69)

Methodology
Whole-blood versus serum oxalate (Hatch, M. (193) 199)

Methoxy-hydroxy-phenylglycol
Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephrine; Vanillylmandelic acid; Healthy control; Depressed patients (Moleman, P. (189) 19)

Methyl malonic acid
Aminocentesis; Amniotic fluid; Prenatal diagnosis; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Metoclopramide
Adrenocorticotropic hormone (ACTH); Prolactin (Nishida, S. (190) 269)

Microalbuminuria
Dye binding method with bromphenol blue; Reference interval; Interfering factor (Jung, K. (187) 163)

Diabetic nephropathy; Proteinuria; Brush-border antigen; Tubular damage (Mutti, A. (188) 93)

Urinary albumin; Diabetic nephropathy; Fatty acid; Renal selectivity (Hayashi, Y. (190) 93)

Microassay
Glycogen; Erythrocyte (Farquharson, J. (187) 89)

Microcarrier
gamma-Glutamyltransferase; Human hepatoma cell line; HepG2; PLC/PRF/5; Cell culture (Visvikis, A. (191) 221)

α_1-Microglobulin
Children; β_2-Microglobulin; Retinol-binding protein; Urine protein 1; Enzyme-linked immunosorbent assay (Tomlinson, P.A. (192) 99)

β_2-Microglobulin
Children; α_1-Microglobulin; Retinol-binding protein; Urine protein 1; Enzyme-linked immunosorbent assay (Tomlinson, P.A. (192) 99)

Retinol binding protein; Tubular proteinuria; ELISA (Blumsohn, A. (195) 133)

Microheterogeneity
α1-Acid glycoprotein; Affino-immunoelectrophoresis; Pregnant women; Estrogen-progestogen treatment (Succari, M. (187) 235)

Microtiter technique
Time-resolved fluoroimmunoassay; Prostaglandin $F_{2\alpha}$; Fluoroimmunoassay; Immunoassay; Solid-phase (Lüke, F.J. (189) 257)

Mitochondrial aspartate aminotransferase
Enzyme release; Creatine kinase MB; Coronary bypass surgery (Huseby, N.-E. (195) 1)

Mitochondrial myopathy
Cytochrome oxidase; Actin; Mutation; Mitochondrial structure; Complex I; Respiratory defect; Myofiber (Sumegi, B. (192) 9)

Mitochondrial structure
Cytochrome oxidase; Mitochondrial myopathy; Actin; Mutation; Complex I; Respiratory defect; Myofiber (Sumegi, B. (192) 9)

Molality vs. concentration
Activity; Biosensors; Enzyme electrode; Glucose oxidase; Hematocrit; Water concentration (Fogh-Andersen, N. (189) 33)

Monoclonal antibody
Human prostatic secretory protein; Two-site binding enzyme immunoassay; Human serum; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Radioimmunoassay; 1,25-Dihydroxyvitamin D_2 (ercalcitriol) 1,25-Dihydroxyvitamin D_3 (calcitriol) (Mawer, E.B. (190) 199)

Serum alkaline phosphatase; Hypophosphatasia; Immunological diagnosis; Bone disorder (Goseki, M. (190) 263)

gamma-Glutamyltransferase (EC 2.3.2.2); Renal cell carcinoma; Human kidney; Isoenzyme (Fischer, P. (191) 185)

Sandwich enzyme; Immunoassay (Iwata, K. (191) 211)

Sandwich enzyme immunoassay; Soluble thrombomodulin; Systemic lupus erythematosus (Kodama, S. (192) 191)

Alkaline phosphatase; Heat stability; pH optimum; K_m value; L-Phenylalanine (Onica, D. (194) 193)

Keratan sulphate; Sandwich-ELISA; Avidin/biotin (Kongtawelert, P. (195) 17)

Monocyte chemotaxis
Hypertension; n-3 fatty acid; Fish oil; Lipid; Hemostasis (Schmidt, E.B. (189) 25)

Monospecific antibody
Gastrin; Radioimmunoassay; Duodenal ulcer; Pernicious anemia; Gastrinoma (Van Solinge, W.W. (192) 35)

Morquio disease type A
Galactose-6-sulphate sulphatase; Galactosamine-6-sulphate sulphatase; Mucopolysaccharidosis IV A (Van Diggelen, O.P. (187) 131)

Mucopolysaccharidosis IV A
Galactose-6-sulphate sulphatase; Galactosamine-6-sulphate sulphatase; Morquio disease type A (Van Diggelen, O.P. (187) 131)

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Multivariate analysis
Acute pancreatitis; Biochemical marker (Viel, J.F. (189) 191)

Muscle
Carnitine; Acylcarnitine; Urine; Blood; Liver; Control data (De Sousa, C. (187) 317)

NMR; Creatine kinase; ATP; PCr (West-Jordan, J.A. (189) 163)

Mutation
Cytochrome oxidase; Mitochondrial myopathy; Actin; Mitochondrial structure; Complex I; Respiratory defect; Myofiber (Sumegi, B. (192) 9)

Myasthenia gravis
Skeletal muscle antibody; Thymoma; Acetylcholine receptor antibody (Ohta, M. (187) 255)

Myocardial infarction
Lp(a) : B lipoprotein particle; Impaired fibrinolysis; Plasminogen; PAI-1; Angina pectoris (Alessi, M.C. (188) 119)

Smoking; High density lipoprotein; Lecithin-cholesterol acyltransferase; Lipoprotein lipase; Hepatic lipase (Moriguchi, E.H. (195) 139)

Myocrisin
Sulphhydryl group (McCrae, F. (195) 41)

Myofiber
Cytochrome oxidase; Mitochondrial myopathy; Actin; Mutation; Mitochondrial structure; Complex I; Respiratory defect (Sumegi, B. (192) 9)

N

NAD
Erythrocyte nucleotide stability; Hypoxanthine; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

Na^+,K^+-ATPase
Digoxin-like immunoreactivity; Sodium pump; Sodium intake; Hypertension (Goto, A. (192) 145)

Na^+/K^+ ratio
Ferritin; Transferrin; Breast cyst fluid; Breast gross cystic disease (Troccoli, R. (192) 1)

Natural killer cell activity
Human α_1-antichymotrypsin; α_1-Proteinase inhibitor (Laine, A. (190) 163)

Neonatal disorder
PMN-elastase; Neonatal sepsis; Infection diagnosis; Newborn (Tsaka, T. (193) 103)

Neonatal sepsis
PMN-elastase; Infection diagnosis; Newborn; Neonatal disorder (Tsaka, T. (193) 103)

Neonate
Polycythemia; Hypoxia; Tubular damage; Urinary *N*-acetyl-β-D-glucosaminidase (Csáthy, L. (195) 77)

Neonatology
Amino acid; Blood; Nutritional status (Lundsjö, A. (191) 201)

Neopterin
Serum; Urine; HIV-1 (Fuchs, D. (187) 125)

Nephrotic rat
Angiotensin converting enzyme; Nephrotic syndrome; Puromycin aminonucleoside; Aminonucleoside-nephrosis (Arévalo, A.E. (191) 175)

Nephrotic syndrome
Angiotensin converting enzyme; Puromycin aminonucleoside; Aminonucleoside-nephrosis; Nephrotic rat (Arévalo, A.E. (191) 175)

Nernst equation
Redox potentiometric electrode; Electrochemical assay of alcohol; Dehydrogenase activity (Chen, S.S.-H. (190) 129)

Redox potentiometric electrode; Glucose, electrochemical assay of; Oxidase activity (Chen, P.T. (193) 187)

Neuroendocrine tumor
Neuron-specific enolase; Intra hepatic arterial chemotherapy (Cunningham, R.T. (189) 275)

Neurological disorder
Neuron-specific enolase; Enzyme-linked immunosorbent assay; Cerebrospinal fluid (Vermuyten, K. (187) 69)

Neuron-specific enolase
Neuroendocrine tumor; Intra hepatic arterial chemotherapy (Cunningham, R.T. (189) 275)

Enzyme-linked immunosorbent assay; Cerebrospinal fluid; Neurological disorder (Vermuyten, K. (187) 69)

Neutron activation analysis
Human thyroid; Manganese content; Iodide content; Thyroid cancer (Nishida, M. (187) 181)

Newborn
Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

PMN-elastase; Neonatal sepsis; Infection diagnosis; Neonatal disorder (Tsaka, T. (193) 103)

Newborn RBC
Adenine nucleotide; Pyridine coenzyme; HPLC (Formato, M. (189) 131)

Newborn screening
Phenylketonuria; Hyperphenylalaninemia; Enzymatic analysis (Wendel, U. (192) 165)

n-3 fatty acid
Hypertension; Fish oil; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Nicotinamide
Erythrocyte nucleotide stability; Hypoxanthine; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; Phosphoribosylpyrophosphate synthetase; NAD; Heparinised blood (Simmonds, H.A. (192) 121)

Nicotinamide metabolism
Xanthine oxidase deficiency; Aldehyde oxidase deficiency; Allopurinol metabolism; Sulfite oxidase (Reiter, S. (187) 221)

NMR
RBC; Lithium transport; Hypertension (Ramasamy, R. (188) 169)

Muscle; Creatine kinase; ATP; PCr (West-Jordan, J.A. (189) 163)

^{1}H-NMR
Cystic fibrosis; Membrane glycoprotein; Fibronectin; Fucosylation (Wang, Y.-M. (188) 193)

NMR spectroscopy
O-Phosphohydroxylysine; Inborn errors of metabolism; Mass spectrometry (Dorland, L. (188) 221)

Non-M CK
Creatinine kinase; Tumor marker; Lung cancer (McGing, P.G. (187) 309)

Noradrenaline
Diet; Urine; Catecholamine; Dopamine; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Normal vein
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Normetanephrine
Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Nuclear magnetic resonance spectroscopy
Creatine; Metabolic disorders; Acidurias, organic; Energy metabolism; Aciduria, methylmalonic; Aciduria, 3-hydroxy-3-methylglutaric (Davies, S.E.C. (194) 203)

Nutrition
Plasma amino acid; Branched chain amino acid; Chronic renal failure (Ceballos, I. (188) 101)

Nutritional assessment
Inflammation; Blood parameter Diagnosis; Prognosis; Pediatrics (Pressac, M. (188) 129)

Nutritional status
Amino acid; Blood; Neonatology (Lundsjö, A. (191) 201)

Nycodenz gradient
Blood platelet; Centrifugation (Ford, T.C. (192) 115)

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Obese
IGF-1; GH; VLCDj (Gama, R. (188) 31)

Oligoclonal immunoglobulin
Rheumatoid arthritis; Synovial fluid (Carpenter, A.B. (193) 1)

Oligosaccharide
Human β-mannosidosis; Lysosomal storage disease; Fibroblast (Van Pelt, J. (187) 55)

Glycopeptide; Sialylglycopeptide; Thin layer chromatography; Lysosomal disease (Schindler, D. (190) 81)

Oral contraceptive
Diurnal rhythm; Saliva; Cortisol; Cortisone; Pregnancy (Meulenberg, P.M.M. (190) 211)

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3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Reye's syndrome (Wanders, R.J.A. (189) 325)

Organic hydroperoxide
Kawasaki disease; Lipoperoxides; Malonyldialdehyde; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

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Alanine–glyoxylate aminotransferase; Primary hyperoxaluria type I; Peroxisome; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Urine; Copper oxinate; Ligand exchange extraction; UV-VIS absorption spectrophotometry; Atomic absorption spectrophotometry (Muñoz Leyva, J.A. (195) 47)

Oxidase activity
Redox potentiometric electrode; Nernst equation; Glucose, electrochemical assay of (Chen, P.T. (193) 187)

Oxidative stress
Red blood cells; Filtration parameters; Lipid peroxidation; Reduced glutathione; Superoxide dismutase comparison (Novák, Z. (194) 115)

Oxypurine
Hereditary xanthinuria; Xanthine oxidase deficiency; Uric acid (Kawachi, M. (188) 137)

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PAI-1
Lp(a): B lipoprotein particle; Impaired fibrinolysis; Plasminogen; Angina pectoris; Myocardial infarction (Alessi, M.C. (188) 119)

Panto-yl-gamma-aminobutyrate
Urinary organic acid; Calcium salt; Calcium hopantenate; Ketosis; Encephalopathy (Nakanishi, T. (188) 85)

Paracetamol
Acetaminophen; Automated; Enzymatic (Morris, H.C. (187) 95)

Paracetamol–glucuronide
Peritoneal permeability; Mass spectrometry; High performance liquid chromatography; Continuous ambulatory peritoneal dialysis (CAPD); Sclerosing peritonitis (Schoots, A.C. (188) 15)

Paraquat intoxication
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Parathyroidectomy
Parathyroid hormone; Renal osteodystrophy (Straffen, A.M. (193) 55)

Parathyroid hormone
Hyperparathyroidism; Calcium (Mazzuoli, G. (190) 239)

Renal osteodystrophy; Parathyroidectomy (Straffen, A.M. (193) 55)

Parent ion spectroscopy
Diabetes; Advanced glycation products (Gerhardinger, C. (189) 333)

Pathological range
Lp(a) plasma concentration; Male/female differences (Kostner, G.M. (188) 187)

PCr
NMR; Muscle; Creatine kinase; ATP (West-Jordan, J.A. (189) 163)

Pediatrics
Inflammation; Nutritional assessment; Blood parameter Diagnosis; Prognosis (Pressac, M. (188) 129)

Penicillinase
Estradiol; Enzyme immunoassay; Direct assay in plasma (Pandey, P.K. (190) 175)

Peritoneal permeability
Mass spectrometry; High performance liquid chromatography; Continuous ambulatory peritoneal dialysis (CAPD); Paracetamol–glucuronide; Sclerosing peritonitis (Schoots, A.C. (188) 15)

Pernicious anemia
Gastrin; Monospecific antibody; Radioimmunoassay; Duodenal ulcer; Gastrinoma (Van Solinge, W.W. (192) 35)

Peroxisomal disorder
Alanine–glyoxylate aminotransferase; Primary hyperoxaluria type I; Peroxisome; Oxalate (Wanders, R.J.A. (189) 139)

Peroxisome
Alanine–glyoxylate aminotransferase; Primary hyperoxaluria type I; Oxalate; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Phenolsulfotransferase (PST)
Human liver; Platelet; Blood; *N*-Acetyldopamine (Khoo, B.Y. (194) 219)

L-Phenylalanine
Alkaline phosphatase; Heat stability; pH optimum; K_m value; Monoclonal antibody (Onica, D. (194) 193)

Phenylalanine hydroxylase
Purification; Polyclonal antibodies; Western blot (Petruschka, L. (193) 65)

Phenylketonuria
Hyperphenylalaninemia; Newborn screening; Enzymatic analysis (Wendel, U. (192) 165)

Pheochromocytoma-Cold pressor test
Plasma neuropeptide-Y; Chronic renal failure (Miller, M.A. (192) 47)

Phosphate
Children heart; Cardioplegia; Purine catabolite; Lactate (Smoleński, R.T. (192) 155)

Phosphatidylglycerol
Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine (Bourbon, J.R. (189) 87)

***O*-Phosphohydroxylysine**
Inborn errors of metabolism; Mass spectrometry; NMR spectroscopy (Dorland, L. (188) 221)

Phospholipase A2
Bacteria; Rapid method; Pre-term labor (Lumb, M.R. (189) 39)

Phospholipid composition
Erythrocyte membrane; Diabetes mellitus; Membrane fluidity; Plasma lipoprotein (Watała, C. (188) 211)

Phosphoribosylpyrophosphate synthetase
Erythrocyte nucleotide stability; Hypoxanthine; Inosine; Hypoxanthine-guanine phosphoribosyltransferase; Uridine diphosphate sugar; NAD; Nicotinamide; Heparinised blood (Simmonds, H.A. (192) 121)

Physicochemical characteristic
Alkaline phosphatase; Intestinal isoform; Preparative isoelectric focusing (Bentouati, L. (189) 145)

Plasma
Plasma protein; Glycosamicoglycan (Pasquali, F. (192) 19)

Homocysteine; Methionine loading (Andersson, A. (192) 69)

Isotope dilution; Electron capture negative chemical ionization mass fragmentography; Very long chain fatty acid; Urine; Amniotic fluid (Stellaard, F. (192) 133)

Corticotropin-releasing horone; Binding protein; Amniotic fluid; Pregnancy (Salminen-Lappalainen, K. (195) 57)

Plasma amino acid
Branched chain amino acid; Nutrition; Chronic renal failure (Ceballos, I. (188) 101)

Plasma insulin
Fish oil; Antioxidant; Lipid peroxidation; Blood-aggregation; Human subjects (Brown, J.E. (193) 147)

Plasma lipoprotein
Phospholipid composition; Erythrocyte membrane; Diabetes mellitus; Membrane fluidity (Watała, C. (188) 211)

Plasma neuropeptide-Y
Chronic renal failure; Pheochromocytoma-Cold pressor test (Miller, M.A. (192) 47)

Plasma oxalate
Clearance; Primary hyperoxaluria (Kasidas, G.P. (191) 67)

Plasma protein
Glycosamicoglycan; Plasma (Pasquali, F. (192) 19)

Plasminogen
Lp(a) : B lipoprotein particle; Impaired fibrinolysis; PAI-1; Angina pectoris; Myocardial infarction (Alessi, M.C. (188) 119)

Platelet
Dopamine uptake (Dean, B. (187) 37)

Pyruvate dehydrogenase complex; Acetyl-CoA; Lactic acidemia; High performance liquid chromatography; Fibroblast (Maehara, M. (191) 233)

Phenolsulfotransferase (PST); Human liver; Blood; *N*-Acetyldopamine (Khoo, B.Y. (194) 219)

Platelets
Aminopeptidase P; Angiotensin converting enzyme; Carboxypeptidase N; Dipeptidyl peptidase IV; Proline (Scharpé, S.L. (195) 125)

PLC/PRF/5
gamma-Glutamyltransferase; Human hepatoma cell line; HepG2; Cell culture; Microcarrier (Visvikis, A. (191) 221)

PMN-elastase
Neonatal sepsis; Infection diagnosis; Newborn; Neonatal disorder (Tsaka, T. (193) 103)

Polyamine
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Polyamine oxidase
Polyamine; Urine; Zellweger's syndrome (Govaerts, L.C.P. (192) 61)

Polyclonal antibodies
Phenylalanine hydroxylase; Purification; Western blot (Petruschka, L. (193) 65)

Polycythemia
Neonate; Hypoxia; Tubular damage; Urinary *N*-acetyl-β-D-glucosaminidase (Csáthy, L. (195) 77)

Polymerase chain reaction
Allele specific oligonucleotide; Southern blotting (Houlston, R.S. (189) 153)

Gaucher disease; Diagnosis; cDNA; Genomic DNA (Beutler, E. (194) 161)

Polymorphonuclear leukocyte
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Polymorphonuclear leukocyte elastase–α_1-proteinase inhibitor complex
Gastric ulcer; Polymorphonuclear leukocyte (Okajima, K. (189) 237)

Porphyria
Sex hormone-binding globulin; Haem (Herrick, A.L. (187) 141)

Porphyrin
Acute intermittent porphyria; Haem; Lactate; Pyruvate (Herrick, A.L. (190) 157)

Potassium
Lymphocyte electrolytes; Sodium; Magnesium; Calcium (Weissberg, N. (187) 281)

Sodium–lithium countertransport; Sodium; Erythrocyte; Hypertension; Diurnal variation (Siebers, R.W.L. (188) 227)

Potassium (^{86}Rb)-influx
Captopril; Cellular proliferation (Bauer, H. (187) 47)

Pralidoxime chloride
Antidote; Spectrophotometric determination; Pralidoxime-Pd(II) complex; Urine (Karljiković-Rajić, K.D. (193) 119)

Pralidoxime-Pd(II) complex
Pralidoxime chloride; Antidote; Spectrophotometric determination; Urine (Karljiković-Rajić, K.D. (193) 119)

Precision
Apo A-1 and B methods; International survey; Accuracy; Comparability; Standardization (Grafnetter, D. (189) 55)

Pregnancy
Serum; Fucosidase; Childhood (Vaysse, J. (187) 273)

Diurnal rhythm; Saliva; Cortisol; Cortisone; Oral contraceptive (Meulenberg, P.M.M. (190) 211)

Variability; ALADH-level; Sex; Electrophoretic-phenotype; Race (Das Graças de Freitas Sousa, M. (194) 229)

Corticotropin-releasing horone; Binding protein; Plasma; Amniotic fluid (Salminen-Lappalainen, K. (195) 57)

Pregnant women
α1-Acid glycoprotein; Microheterogeneity; Affino-immunoelectrophoresis; Estrogen-progestogen treatment (Succari, M. (187) 235)

Prenatal diagnosis
Aminocentesis; Amniotic fluid; Methyl malonic acid; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Preparative isoelectric focusing
Alkaline phosphatase; Intestinal isoform; Physicochemical characteristic (Bentouati, L. (189) 145)

Pre-term labor
Phospholipase A2; Bacteria; Rapid method (Lumb, M.R. (189) 39)

Primary hyperoxaluria
Plasma oxalate; Clearance (Kasidas, G.P. (191) 67)

Primary hyperoxaluria type I
Alanine–glyoxylate aminotransferase; Peroxisome; Oxalate; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

ProANP (1–98)
Essential hypertension; Cardiac transplant; Renal failure; Volume expansion; Gel filtration (Buckley, M.G. (191) 1)

Proapo A-I converting enzyme
Apolipoprotein A-I; Proapolipoprotein A-I; High density lipoprotein; Liver cirrhosis (Isobe, H. (189) 303)

Proapolipoprotein A-I
Apolipoprotein A-I; High-density lipoprotein; Proapo A-I converting enzyme; Liver cirrhosis (Isobe, H. (189) 303)

Prognosis
Inflammation; Nutritional assessment; Blood parameter Diagnosis; Pediatrics (Pressac, M. (188) 129)

Prolactin
Metoclopramide; Adrenocorticotropic hormone (ACTH) (Nishida, S. (190) 269)

Prolidase I
Prolidase II; Erythrocyte (Ohhashi, T. (187) 1)

Prolidase II
Prolidase I; Erythrocyte (Ohhashi, T. (187) 1)

Proline
Aminopeptidase P; Angiotensin converting enzyme; Carboxypeptidase N; Dipeptidyl peptidase IV; Platelets (Scharpé, S.L. (195) 125)

Propionic acid
Aminocentesis; Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Prostaglandin $F_{2\alpha}$
Time-resolved fluoroimmunoassay; Fluoroimmunoassay; Immunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Protease
Gastric cancer (Min Chung, S. (189) 205)

Protease complexes
α_2-Macroglubulin; Immunoelectrophoresis (Donnelly, P.K. (195) 85)

α_1-Proteinase inhibitor
Natural killer cell activity; Human α_1-antichymotrypsin (Laine, A. (190) 163)

Protein binding
Aluminium; Transferrin; Desferrioxamine; High performance liquid chromatography (Alonso, J.I.G. (189) 69)

Protein chemistry
Glycated hemoglobin; Hemoglobin variant; α Chain; HPLC (Wajcman, H. (188) 39)

Protein kinase A
Duchenne muscular dystrophy; Calcium activated neutral protease; Protein kinase C (Jagadeesh, G. (193) 79)

Protein kinase C
Duchenne muscular dystrophy; Calcium activated neutral protease; Protein kinase A (Jagadeesh, G. (193) 79)

Inhibition; Aluminium (Cochran, M. (194) 167)

Proteinuria
Diabetic nephropathy; Microalbuminuria; Brush-border antigen; Tubular damage (Mutti, A. (188) 93)

Alcian blue; Glomerular polyanion; Retinol-binding protein; Diabetic nephropathy (Bernard, A. (190) 249)

Purification
Phenylalanine hydroxylase; Polyclonal antibodies; Western blot (Petruschka, L. (193) 65)

Purification assay
Reverse transcriptase; Leukemia; Lymphoma (Moyret, C.F. (191) 61)

Purine catabolite
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Purine metabolism
AMP-deaminase; Enzyme deficiency (Kaletha, K. (190) 147)

Puromycin aminonucleoside
Angiotensin converting enzyme; Nephrotic syndrome; Aminonucleoside-nephrosis; Nephrotic rat (Arévalo, A.E. (191) 175)

Pyridine coenzyme
Newborn RBC; Adenine nucleotide; HPLC (Formato, M. (189) 131)

4-Pyridoxolactone
Unidentified metabolites; Vitamin B6; Isopyridoxal; Vitamer activity (Edwards, P. (190) 67)

Pyruvate
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Pyruvate dehydrogenase complex
Acetyl-CoA; Lactic acidemia; High performance liquid chromatography; Platelet; Fibroblast (Maehara, M. (191) 233)

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Race
Variability; ALADH-level; Sex; Pregnancy; Electrophoretic-phenotype (Das Graças de Freitas Sousa, M. (194) 229)

Radial immunodiffusion
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Radioimmunoassay
Monoclonal antibody; 1,25-Dihydroxyvitamin D_2 (ercalcitriol) 1,25-Dihydroxyvitamin D_3 (calcitriol) (Mawer, E.B. (190) 199)

Gastrin; Monospecific antibody; Duodenal ulcer; Pernicious anemia; Gastrinoma (Van Solinge, W.W. (192) 35)

Rapid method
Phospholipase A2; Bacteria; Pre-term labor (Lumb, M.R. (189) 39)

Rat
Urinary heparan sulfate; Streptozotocin diabetes; Glomerulus; Albuminuria (Reddi, A.S. (189) 211)

RBC
NMR; Lithium transport; Hypertension (Ramasamy, R. (188) 169)

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Creatine; Reticulocyte (Buysse, A.M. (187) 155)

Oxidative stress; Filtration parameters; Lipid peroxidation; Reduced glutathione; Superoxide dismutase comparison (Novák, Z. (194) 115)

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Iron stores; Serum ferrilin, Elderly (Galàn, P. (189) 159)

Redox potentiometric electrode
Nernst equation; Electrochemical assay of alcohol; Dehydrogenase activity (Chen, S.S.-H. (190) 129)

Nernst equation; Glucose, electrochemical assay of; Oxidase activity (Chen, P.T. (193) 187)

Reduced glutathione
Oxidative stress; Red blood cells; Filtration parameters; Lipid peroxidation; Superoxide dismutase comparison (Novák, Z. (194) 115)

Reference interval
Dye binding method with bromphenol blue; Microalbuminuria; Interfering factor (Jung, K. (187) 163)

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Calibration; Immunochemical protein assay; External quality assessment; Interlaboratory agreement (Bullock, D.G. (187) 21)

Renal cell carcinoma
gamma-Glutamyltransferase (EC 2.3.2.2); Monoclonal antibody; Human kidney; Isoenzyme (Fischer, P. (191) 185)

Renal disease
Urine; Carboxypeptidase; Colorimetric assay (Hamai, K. (188) 233)

Renal failure
ProANP (1–98); Essential hypertension; Cardiac transplant; Volume expansion; Gel filtration (Buckley, M.G. (191) 1)

Renal failure, Precursor
Acid-stable trypsin inhibitor; Inter-α-trypsin inhibitor (Yoshida, E. (190) 277)

Renal osteodystrophy
Parathyroid hormone; Parathyroidectomy (Straffen, A.M. (193) 55)

Renal selectivity
Urinary albumin; Microalbuminuria; Diabetic nephropathy; Fatty acid (Hayashi, Y. (190) 93)

Renal transplant
Enzyme immunoassay; β-Hexosaminidase; Isoenzyme; Urine (Hultberg, B. (192) 107)

Respiratory defect
Cytochrome oxidase; Mitochondrial myopathy; Actin; Mutation; Mitochondrial structure; Complex I; Myofiber (Sumegi, B. (192) 9)

Reticulocyte
Creatine; Red blood cell (Buysse, A.M. (187) 155)

Retinol
Human β-carotene; β-Cryptoxanthin; Lycopene; Zeaxanthin; α-Tocopherol (Ito, Y. (194) 131)

Retinol-binding protein
Proteinuria; Alcian blue; Glomerular polyanion; Diabetic nephropathy (Bernard, A. (190) 249)

Children; β_2-Microglobulin; α_1-Microglobulin; Urine protein 1; Enzyme-linked immunosorbent assay (Tomlinson, P.A. (192) 99)

β_2-Microglobulin; Tubular proteinuria; ELISA (Blumsohn, A. (195) 133)

Reverse-phase
Tyrosine-*O*-sulfate; Ion-pair; HPLC (Suiko, M. (193) 193)

Reverse transcriptase
Purification assay; Leukemia; Lymphoma (Moyret, C.F. (191) 61)

Review
Tandem mass spectrometry; Electrospray ionization (Hill, R.E. (194) 1)

Reye's syndrome
3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Organic aciduria (Wanders, R.J.A. (189) 325)

Rheumatoid arthritis
IgM rheumatoid factor; Enzyme immunoassay (Oka, H. (188) 147)

Synovial fluid; Oligoclonal immunoglobulin (Carpenter, A.B. (193) 1)

Hyaluronic acid; Disease activity (Konttinen, Y.T. (193) 39)

RIA
1α,25-Dihydroxyvitamin D_3; Double antibody separation (Armbruster, F.-P. (189) 97)

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Saliva
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Saliva testosterone
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Sandwich-ELISA
Keratan sulphate; Monoclonal antibody; Avidin/biotin (Kongtawelert, P. (195) 17)

Sandwich enzyme
Immunoassay; Monoclonal antibody (Iwata, K. (191) 211)

Sandwich enzyme immunoassay
Soluble thrombomodulin; Monoclonal antibodies; Systemic lupus erythematosus (Kodama, S. (192) 191)

Saturated/unsaturated fatty acid ratio
Fluorescence polarization; Membrane fluidity; Cholesterol/phospholipid ratio (Peuchant, E. (190) 57)

Sclerosing peritonitis
Peritoneal permeability; Mass spectrometry; High performance liquid chromatography; Continuous ambulatory peritoneal dialysis (CAPD); Paracetamol–glucuronide (Schoots, A.C. (188) 15)

Screening
T4; TSH; Congenital hypothyroidism; Iodine deficiency (Bourdoux, P.P. (195) 97)

Seminal plasma
Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Follicular fluid (Von der Kammer, H. (187) 207)

Serum
Neopterin; Urine; HIV-1 (Fuchs, D. (187) 125)

Fucosidase; Childhood; Pregnancy (Vaysse, J. (187) 273)

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Hypophosphatasia; Monoclonal antibody; Immunological diagnosis; Bone disorder (Goseki, M. (190) 263)

Serum arylesterase
Water-soluble specific substrate; Cirrhosis; Automatic analyzer (Kawai, H. (188) 177)

Serum cholestanol
Cerebrotendinous xanthomatosis; Urinary bile alcohol; Deoxycholic acid therapy (Wolthers, B.G. (193) 113)

Serum ferrilin, Elderly
Iron stores; Red cell ferritin (Galàn, P. (189) 159)

Serum 5′-nucleotidase
Lectin binding; Alkaline phosphatase; Liver disease (Massoubre, C. (191) 87)

Sex
Variability; ALADH-level; Pregnancy; Electrophoretic-phenotype; Race (Das Graças de Freitas Sousa, M. (194) 229)

Sex hormone-binding globulin
Porphyria; Haem (Herrick, A.L. (187) 141)

Sialylglycopeptide
Glycopeptide; Oligosaccharide; Thin layer chromatography; Lysosomal disease (Schindler, D. (190) 81)

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Myasthenia gravis; Thymoma; Acetylcholine receptor antibody (Ohta, M. (187) 255)

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Human Sm-C/IGF-I radioimmunoassay (Giannella-Neto, D. (188) 253)

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Sodium
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Sodium–lithium countertransport; Potassium; Erythrocyte; Hypertension; Diurnal variation (Siebers, R.W.L. (188) 227)

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